

04/01/99

Please type a plus sign (+) inside this box → ☒
 PTO/SB/05 (2/88)
 Approved for use through 09/30/2000. OMB 0651-0032
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. NAK1-AZ70a

First Inventor or Application Identifier Hidekazu TANIGAWA et al

Title DATA COMMUNICATION SYSTEM...

Express Mail Label No. EL063611145US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

 Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 131]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 26]
4. Oath or Declaration (Copy) [Total Pages 2]
- a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
(Note Box 5 below)
 - l. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- * Small Entity Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)
14. ☐ Statement(s) ☐ Status still proper and desired (PTO/SB/09-12)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Other:

* NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.17), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.12).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 08 / 867,344

Prior application Information: Examiner J. Miller Group / Art Unit: 2711

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name Joseph W. Price
PRICE, GESS & UBELL
Address 2100 S.E. Main St., Ste. 250
City Irvine State CA Zip Code 92614
Country U.S.A. Telephone 949/261-8433 Fax 949/261-9072

Name (Print/Type)	Joseph W. Price	Registration No. (Attorney/Agent)	25,124
Signature	<i>Joseph W. Price</i>	Date	4/1/99

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PTO/SB/17 (2/98)

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<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <p style="font-size: small; margin: 5px 0;">Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB-09-12 See 37 C.F.R. §§ 1.27 and 1.28.</p>		Complete If Known	
		Application Number	
		Filing Date	
		First Named Inventor Hidekazu TANIGAWA et al	
		Examiner Name	
		Group / Art Unit	
TOTAL AMOUNT OF PAYMENT (\$) 2,566.00		Attorney Docket No. NAK1-AZ70a	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																												
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 16-2462</p> <p>Deposit Account Name PRICE, GESS & URELL</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<h3>3. ADDITIONAL FEES</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>85</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>850</td><td>217</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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SUBMITTED BY		Complete If Applicable	
Typed or Printed Name:	Joseph W. Price	Reg. Number	25,124
Signature		Date	4/1/99
		Deposit Account User ID	

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JOSEPH W. PRICE
ALBIN H. GESS
FRANKLIN D. UBELL
DOYLE B. JOHNSON
MICHAEL J. MOFFATT
GORDON E. GRAY III
BRADLEY D. BLANCHE

PRICE, GESS & UBELL

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

A PROFESSIONAL CORPORATION
TELEPHONE: (949) 261-8433
FACSIMILE: (949) 261-9072
FACSIMILE: (949) 261-1726

e-mail: pgu@ix.netcom.com

DRAWINGS (26 SHEETS)



Inventor(s): Hidekazu TANIGAWA et al

Title: DATA COMMUNICATION SYSTEM, DATA TRANSMITTING APPARATUS
AND DATA RECEIVING APPARATUS

Attorney's

Docket No.: NAK1-AZ70a

EXPRESS MAIL LABEL NO. EL063611145US

DATE OF DEPOSIT: April 1, 1999

JOSEPH W. PRICE
ALBIN H. GESS
FRANKLIN D. UBELL
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PRICE, GESS & UBELL

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2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

A PROFESSIONAL CORPORATION
TELEPHONE: (949) 261-8433
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JC542 U.S. PTO
09/283938
04/01/99

PRELIMINARY AMENDMENT

Inventor(s): Hidekazu TANIGAWA et al

Title: DATA COMMUNICATION SYSTEM, DATA TRANSMITTING APPARATUS
AND DATA RECEIVING APPARATUS

Attorney Docket No. NAK1-AZ70a

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PRICE, GESS & UBELL

JOSEPH W. PRICE
ALBIN H. GESS
FRANKLIN D. UBELL
STEFAN J. KIRCHANSKI, Ph.D.
DOYLE B. JOHNSON
MICHAEL J. MOFFATT
GORDON E. GRAY III

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

A PROFESSIONAL CORPORATION

TELEPHONE: (714) 261-8433

FACSIMILE: (714) 261-9072

FACSIMILE: (714) 261-1726

e-mail: pgu@ix.netcom.com

DECLARATION AND POWER OF ATTORNEY

(COPY)



Inventor(s): Hidekazu TANIGAWA et al

Title: DATA COMMUNICATION SYSTEM, DATA TRANSMITTING APPARATUS
AND DATA RECEIVING APPARATUS

Attorney's
Docket No.: NAK1-AZ70a

"Express Mail" mailing label No. EL063611145US

Date of Deposit: April 1, 1999

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2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

A PROFESSIONAL CORPORATION

TELEPHONE: (714) 261-8433

FACSIMILE: (714) 261-9072

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e-mail: pgu@ix.netcom.com

SPECIFICATION, CLAIMS AND ABSTRACT

JC542 U.S. PTO
09/283938
04/01/99

Inventor(s): Hidekazu TANIGAWA et al

Title: DATA COMMUNICATION SYSTEM, DATA TRANSMITTING APPARATUS
AND DATA RECEIVING APPARATUS

Attorney's
Docket No.: NAK1-AZ70a

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PRICE, GESS & UBELL

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

JOSEPH W. PRICE
ALBIN H. GESS
FRANKLIN D. UBELL
STEFAN J. KIRCHANSKI, Ph.D.
DOYLE B. JOHNSON
MICHAEL J. MOFFATT
GORDON E. GRAY III

A PROFESSIONAL CORPORATION

TELEPHONE: (714) 261-8433

FACSIMILE: (714) 261-9072

FACSIMILE: (714) 261-1726

e-mail: pgu@ix.netcom.com

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